

PTO/SB/21 (05-03)

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/759,245	
	Filing Date	January 16, 2001	
	First Named Inventor	Stephen H. HALL et al.	
	Art Unit	2133	
	Examiner Name	To be assigned	
Total Number of Pages in This Submission	6	Attorney Docket Number	2207/10412

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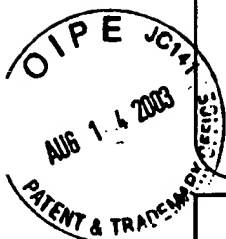
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<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>	
Firm or Individual name	KENYON & KENYON by Shawn W. O'Dowd, Reg. No. 34,687
Signature	<i>Shawn O'Dowd</i>
Date	8/14/03

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
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**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	09/759,245
Filing Date	January 16, 2001
First Named Inventor	Stephen H. HALL et al.
Art Unit	2133
Examiner Name	To be assigned
Attorney Docket Number	02207/10412

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<input checked="" type="checkbox"/> Firm or Individual Name	Shawn W. O'Dowd				
Address	Kenyon & Kenyon				
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City	Washington	State	DC	ZIP	20005
Country	USA				
Telephone	(202) 220-4255	Fax	(202) 220-4201		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Name	Pam Matlock	Title	Secretary of Patents
Signature	<i>Pam Matlock</i>		
Date	August 12, 2003	Telephone	408/765-1144

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of one (1) forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Intel CorporationApplication No./Patent No.: 09/759,245Filed/Issue Date: January 16, 2001Entitled: LOW WEIGHT DATA ENCODING FOR MINIMAL POWER DELIVERY IMPACT\_\_\_\_\_, a \_\_\_\_\_  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest
- The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 011758, Frame 0359, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

**(NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

August 12, 2003  
Date

(408) 765-1144

Telephone Number

Pam Matlock  
Signature

Pam Matlock

Typed or printed name

Secretary of Patents

Title

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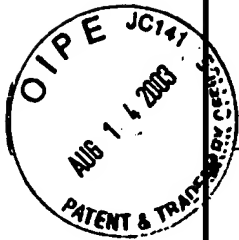
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JULY 19, 2001

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ANTONELLI, TERRY, STOUT, KRAUS, LLP  
HUNG H. BUI  
SUITE 1800  
1300 NORTH SEVENTEENTH STREET  
ARLINGTON, VA 22209



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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/27/2001

REEL/FRAME: 011758/0359  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HALL, STEPHEN H.

DOC DATE: 04/26/2001

ASSIGNOR:

LEDDIGE, MICHAEL W.

DOC DATE: 04/26/2001

ASSIGNEE:

INTEL CORPORATION  
2200 MISSION COLLEGE BOULEVARD,  
SC4-202  
SANTA CLARA, CALIFORNIA 95052

SERIAL NUMBER: 09759245  
PATENT NUMBER:

FILING DATE: 01/16/2001  
ISSUE DATE:

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

4.27.01

<b>1. Name of conveying party(ies):</b>  Stephen H. HALL Michael W. LEDDIGE  No additional names attached <input checked="" type="checkbox"/>	<b>2. Name and address of receiving party(ies):</b>  INTEL CORPORATION 2200 Mission College Boulevard, SC4-202 Santa Clara, CA 95052  No additional names(s) or address(es) attached <input checked="" type="checkbox"/>
<b>3. Nature of Conveyance:</b>  <input checked="" type="checkbox"/> assignment <input type="checkbox"/> merger  <input type="checkbox"/> security agreement <input type="checkbox"/> change of name  <input type="checkbox"/> other	
<b>EXECUTION DATE:</b> April 26, 2001	
<b>4. Application number(s) or patent number(s):</b> 09/759,245	
<b>A. Patent Application Number(s)</b> 09/759,245	<b>B. Patent Number(s)</b>
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  Name: ANTONELLI, TERRY, STOUT, KRAUS, LLP Address: Suite 1800 1300 North Seventeenth Street Arlington, VA 22209	<b>6. Total number of applications and patents involved:</b> 1 <b>7. Total fee (37CFR 3.41) \$40.00</b> <input checked="" type="checkbox"/> Credit Card Payment Form enclosed <input checked="" type="checkbox"/> Charge any deficiencies in the payment of fees associated with this communication or credit any overpayment to <b>8. DEPOSIT ACCOUNT NO. 01-2135</b>
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**9. Statement and Signature.**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Hung H. Bui (Reg. No. 40,415)  
 Attorney for Applicants

Signature

April 27, 2001  
 Date

- ♦ Total number of pages including cover sheet, attachments and documents: 3
- ♦ Attorney Docket No. 219.39281X00

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Intel Ref: P10412  
Attorney's Docket: 219.39281X00(ATSK)

PATENT

## ASSIGNMENT

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, **Stephen H. HALL** and **Michael W. LEDDIGE**, the undersigned, of **368 Southeast 43rd, Hillsboro, OR 97123**, and **13550 Southwest Hiteon Court, Beaverton, OR 97008**, respectively, hereby sell, assign, and transfer to **Intel Corporation**, a corporation of **Delaware**, having a principal place of business at **2200 Mission College Boulevard, SC4-202 Santa Clara, CA 95052** ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled **LOW WEIGHT DATA ENCODING FOR MINIMAL POWER DELIVERY IMPACT** and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

4/27, 2001 S. Hall  
 Date Name: Stephen H. HALL  
 4/27, 2001 Michael W. Leddige  
 Date Name: Michael W. LEDDIGE  
 \_\_\_\_\_, 200\_\_\_\_\_  
 Date Name: \_\_\_\_\_  
 \_\_\_\_\_, 200\_\_\_\_\_  
 Date Name: \_\_\_\_\_  
 \_\_\_\_\_, 200\_\_\_\_\_  
 Date Name: \_\_\_\_\_  
 \_\_\_\_\_, 200\_\_\_\_\_  
 Date Name: \_\_\_\_\_

**Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:**

4/26, 2001  
 Date  
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